

100

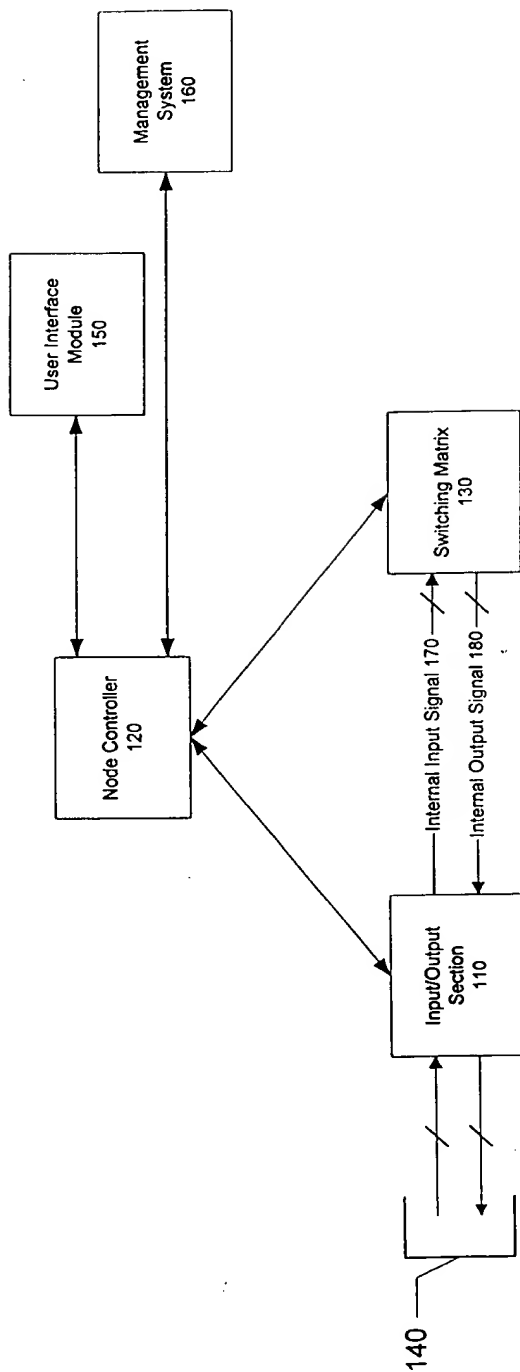


Fig. 1A

190

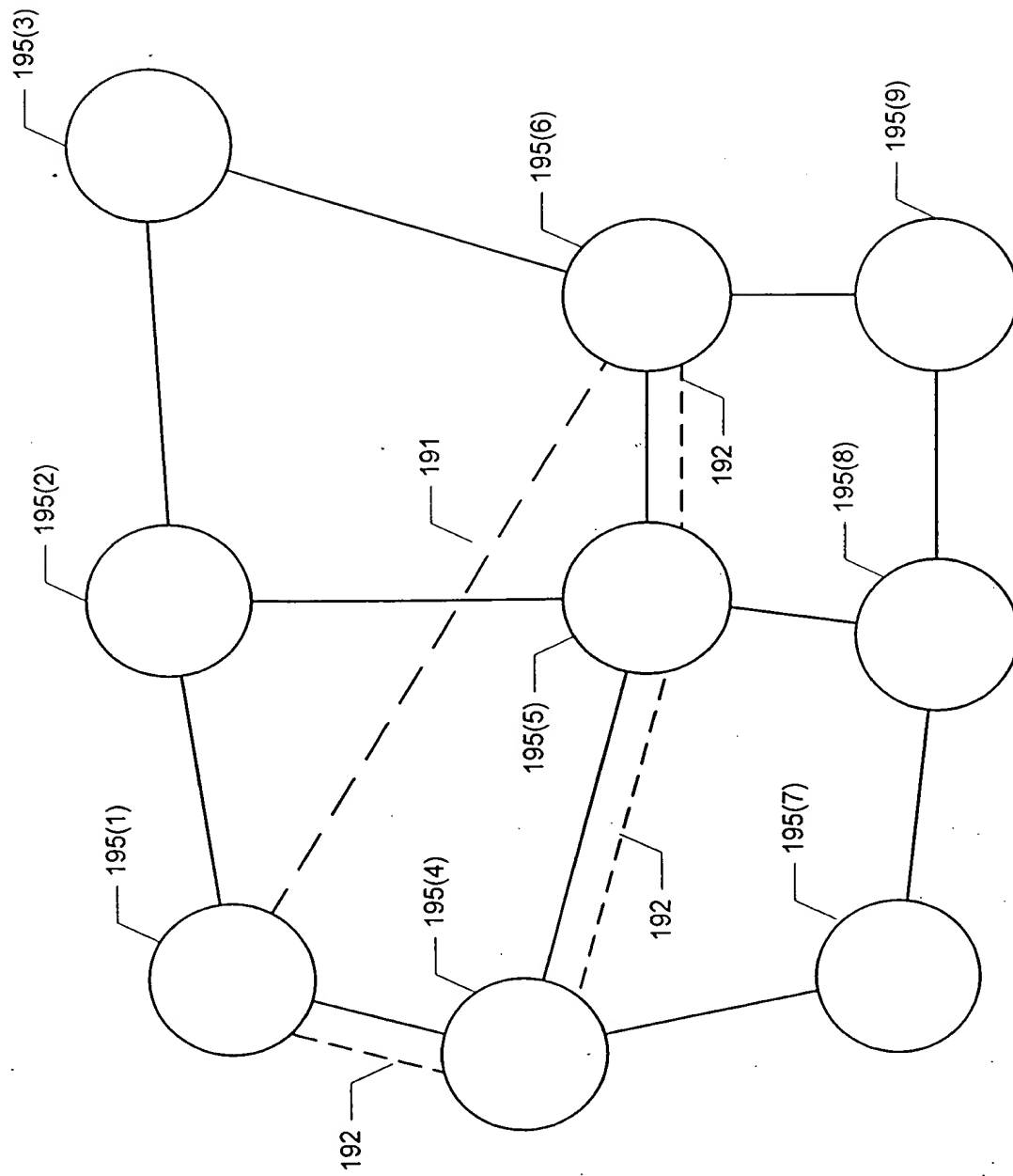


Fig. 1B

200

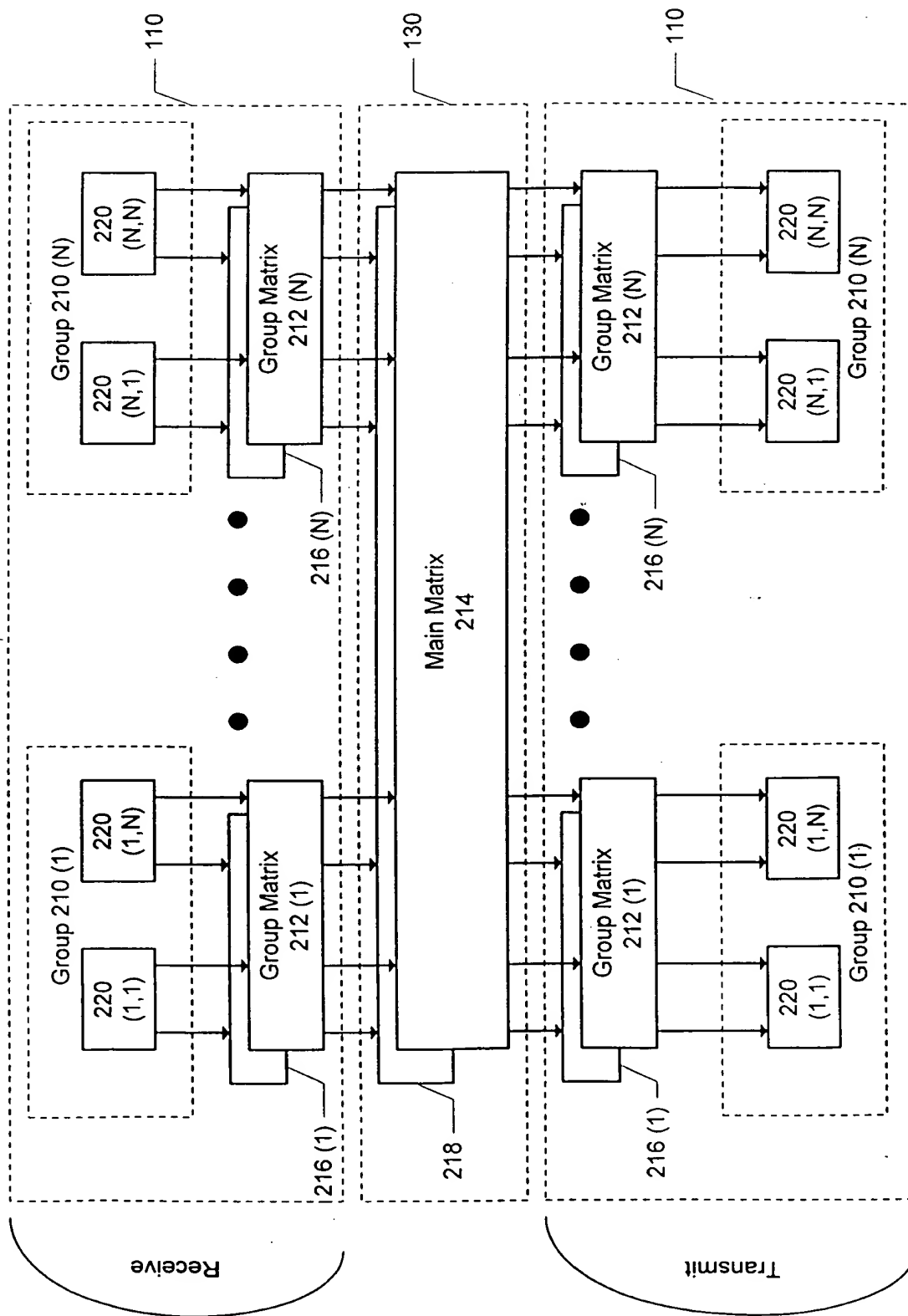


Fig. 2

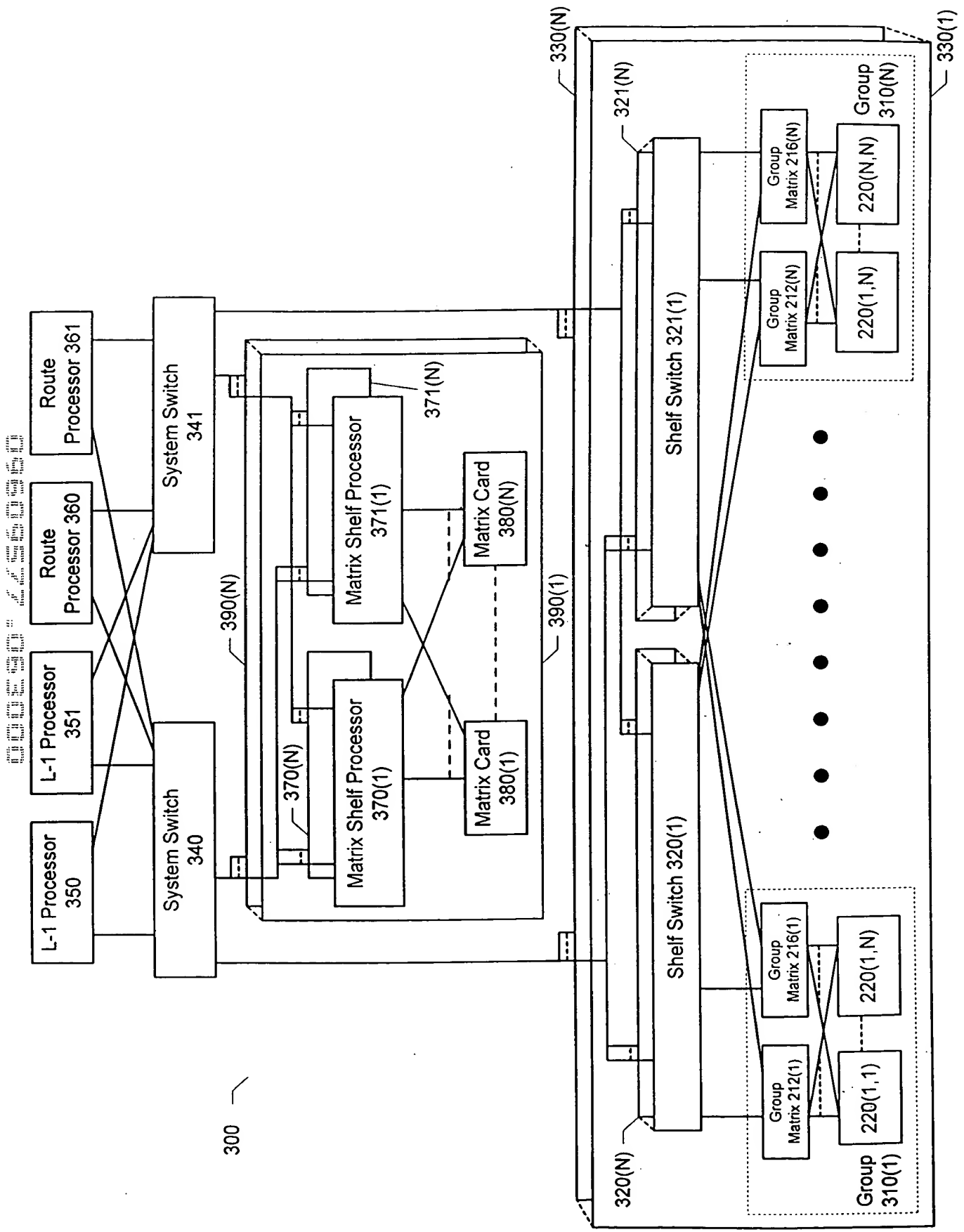


Fig. 3

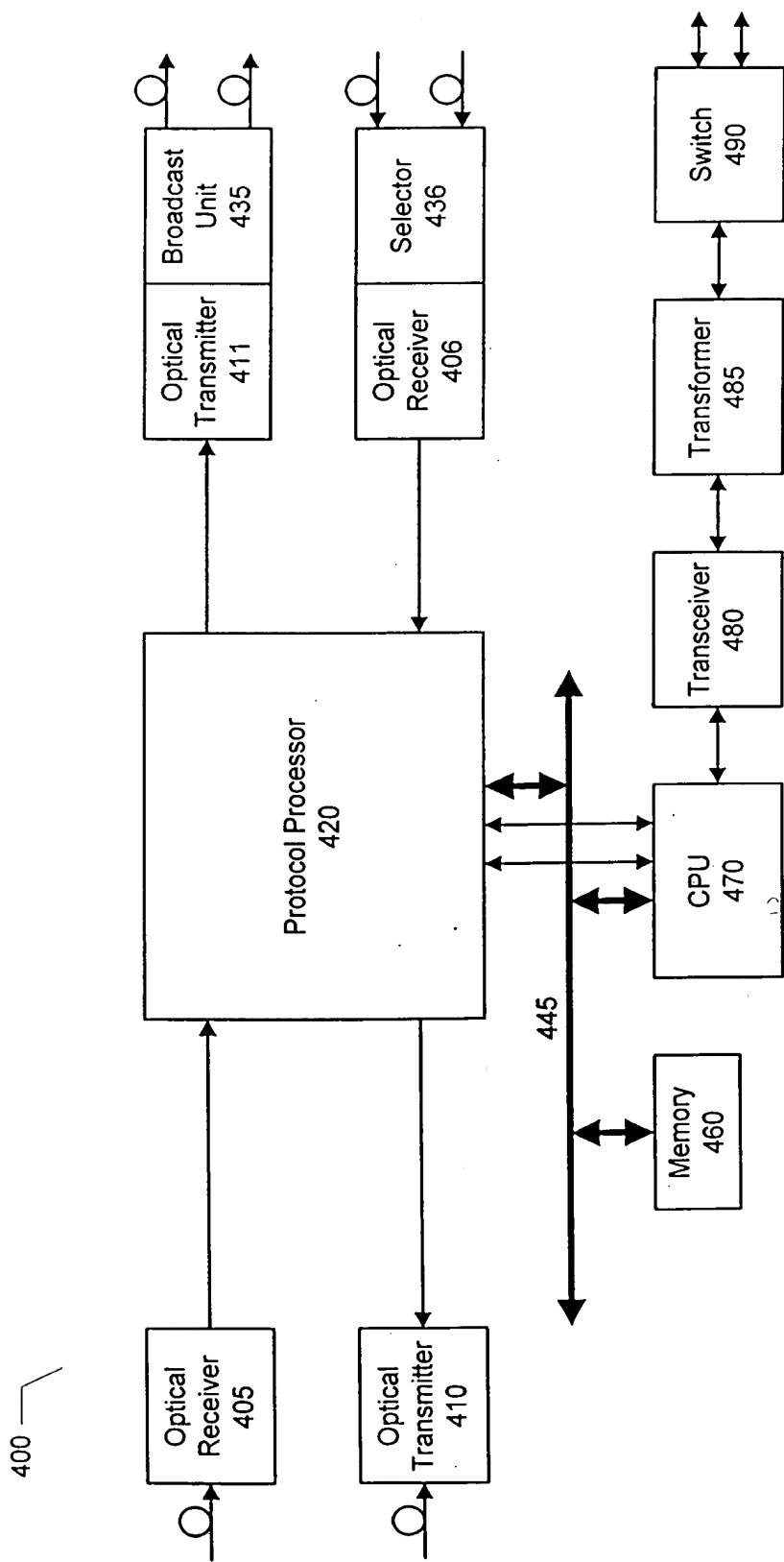


Fig. 4

UNITED STATES PATENT AND TRADEMARK OFFICE

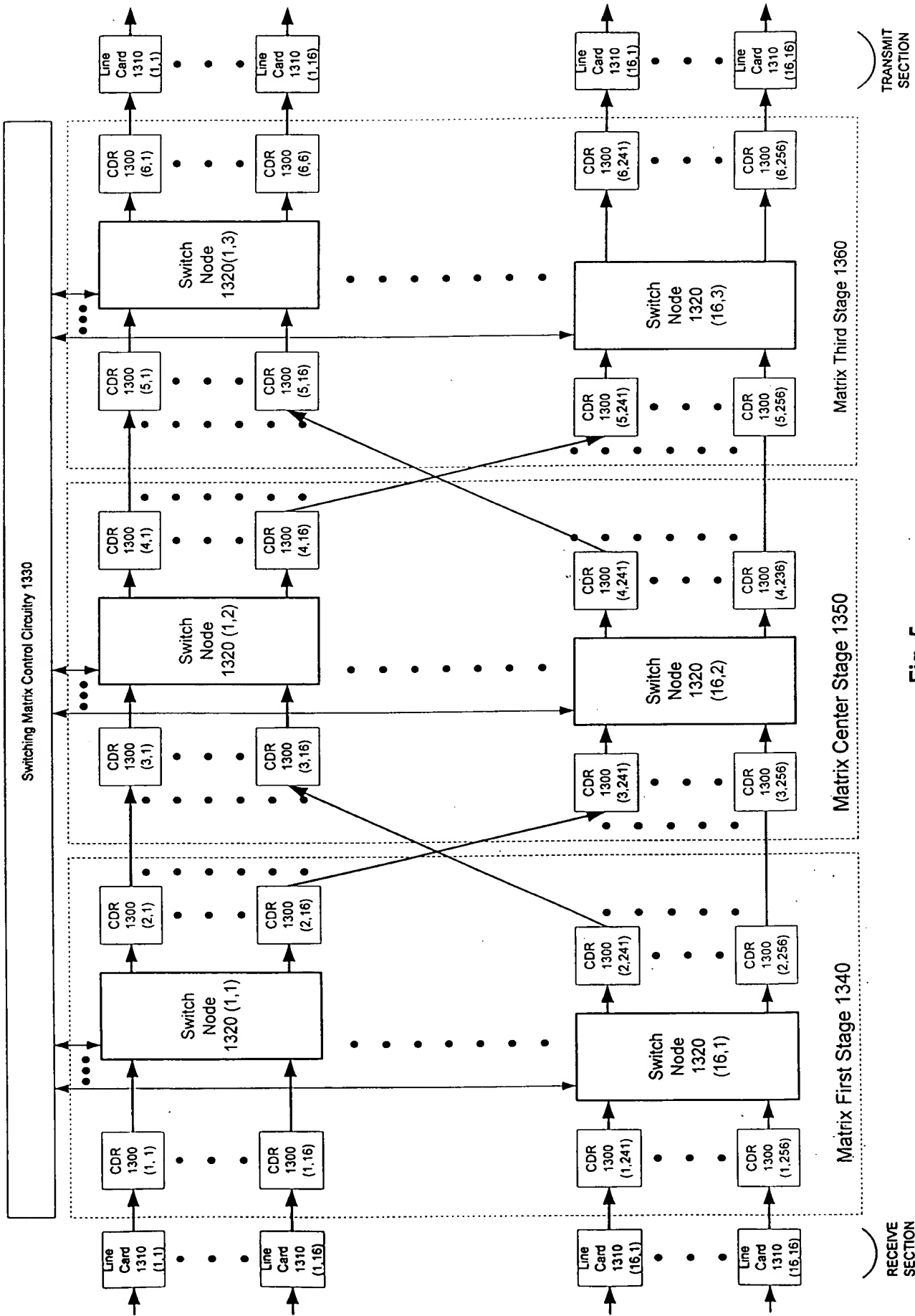


Fig. 5

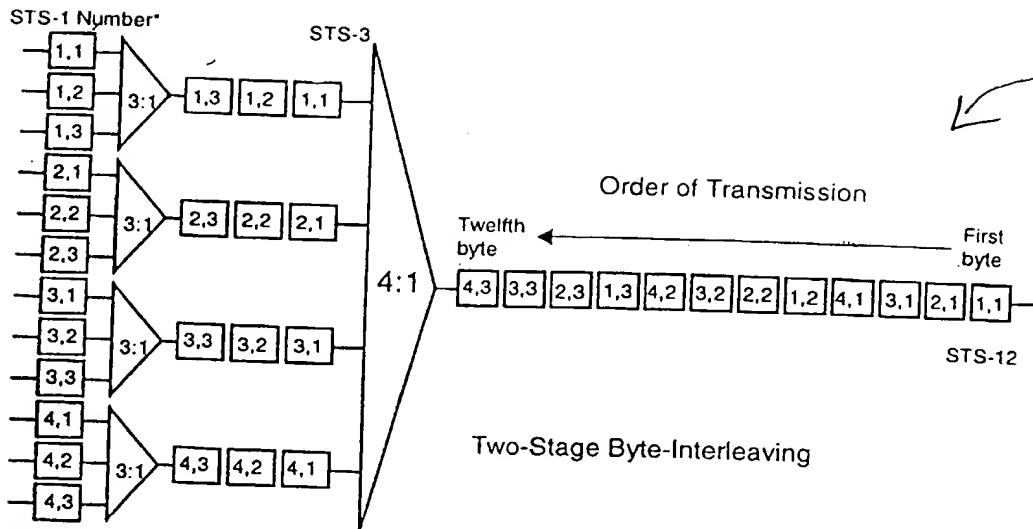
SONET Frame 1500

SONET Frame 1500

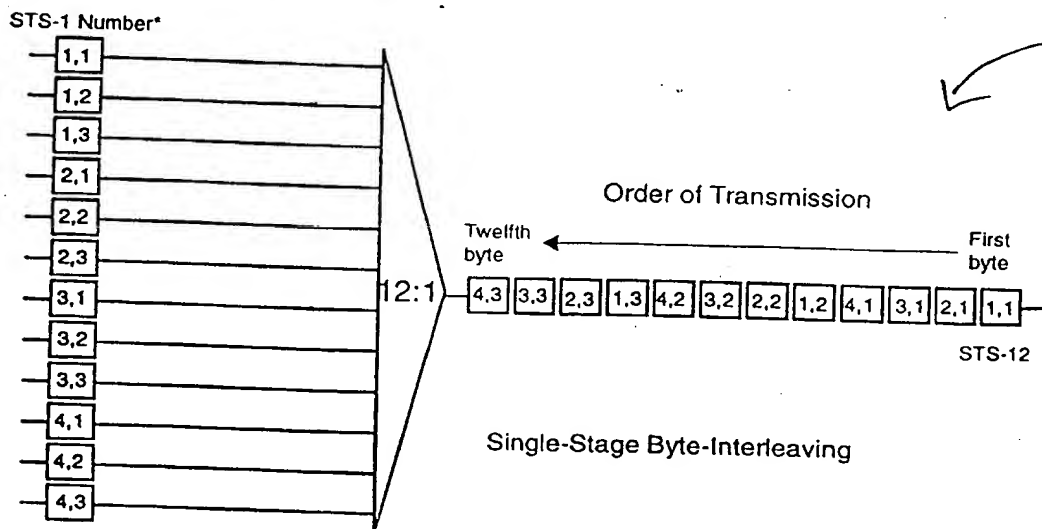


| | | | |
|--------------------|--------------------|--------------------|-------------------------------|
| A1 1502 | A2 1504 | J0 Z0 1506 U | Payload Bytes 1590 |
| B1 1510 | E1 U 1512 | F1 U 1514 | Payload Bytes 1591 |
| D1 U 1520 | D2 U 1522 | D3 U 1524 | Payload Bytes 1592 |
| H1 1530 | H2 1532 | H3 1534 | H4 1536 Payload Bytes 1593 |
| B2 U 1540 | K1 U 1542 | K2 U 1544 | Payload Bytes 1594 |
| D4 U 1550 | D5 U 1551 | D6 U 1552 | Payload Bytes 1595 |
| D7 U 1553 | D8 U 1554 | D9 U 1555 | Payload Bytes 1596 |
| D10 U 1556 | D11 U 1557 | D12 U 1558 | Payload Bytes 1597 |
| S1 Z1 1570 U | M1 Z2 1572 U | E2 U 1574 | Payload Bytes 1598 |

Fig. 6



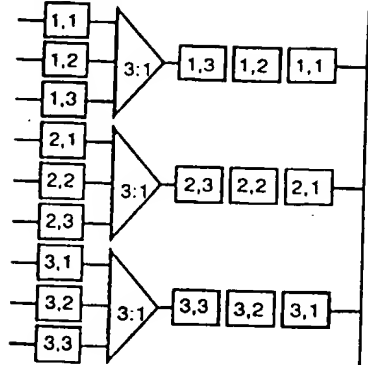
700



710

FIG. 7A

STS-1 Number

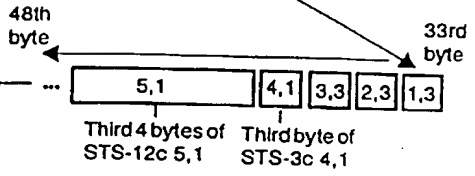
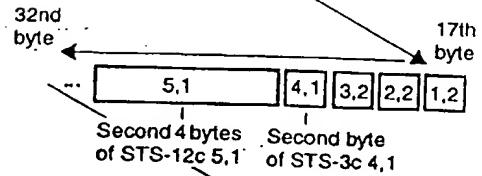
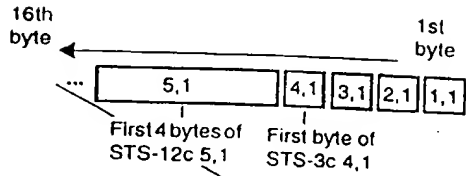


STS-3c
Number 4,1
(containing
an STS-3c
SPE)

STS-12c
Number 5,1
(containing
an STS-12c
SPE)

Unspecified STS-1 and STS-Mc
modules (equivalent to 24 STS-1s
numbered from 9,1 to 16,3)

Order of Transmission



750

760

Fig. 7B